

# EAST Search History *-DRC - 6/14/2007*

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	"SAT capacity"	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/25 08:28
S2	13	"SAT capacity"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/25 08:28
S3	139	("20020168518" "3236685" "3301746" "3545705" "3549742" "3556932" "3556933" "3700623" "3772076" "3858623" "3905863" "3974025" "4041989" "4071050" "4073993" "4112982" "4149571" "4157276" "4161195" "4182381" "4184519" "4191609" "4239065" "4314589" "4356059" "4359069" "4376455" "4379735" "4453573" "4514345" "4528339" "4529480" "4564052" "4592395" "4603176" "4605585" "4611639" "4637859" "4640741" "4675394" "4709732" "4720383" "4759391" "4759976" "4804769" "4814412" "4866151" "4906513" "4942077" "4973512" "4981557" "4983748" "4998568" "5008344" "5016678" "5019211" "5023132" "5054525" "5066532" "5085736" "5094717" "5098519" "5103874" "5114777" "5138002" "5160789" "5167261" "5167764" "5182164" "5199467" "5211815" "5217576" "5219004" "5223096" "5225269" "5230959" "5233092" "5240562" "5245025" "5258220" "5260171" "5262007" "5264082" "5275799" "5277761" "5312522" "5314584" "5328565" "5334289" "5364504" "5368696" "5372876" "5379808" "5415737" "5429686" "5443899" "5456293" "5456982" "5498478" "5540964" "5618612" "5637194" "5657797" "5674590" "5690788" "5763334" "5776307" "5820973" "5834384" "5843063" "5851353" "5851355" "5861082" "5879343" "5904811" "5976694" "5994615" "6042692" "6087469" "6121170" "6136775" "6187139" "6193839" "6210528" "6211306" "6214146" "6228296" "6235663" "6248211" "6258897" "6277241" "6315114").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/24 15:35

## EAST Search History

S4	1	("20010040136").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/24 13:27
S5	3	((("5246772") or ("5094717") or ("3879257")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/24 13:27
S6	4911	(162/109,111,112,118,119,121,123,125,127,129,130,132,141,146,158,157.2,157.3,157.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/24 14:00
S7	6003	(162/164.1,164.3,164.6,164.7,166,168.1,168.2,168.3,168.7,169,173,185,188,183,197,202,203,204,207,221,224,231).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/24 14:02
S8	3075	(162/270,271,280,281,283,289,290,298,301,305,348,361,375,377,903).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/24 14:04
S9	3791	((156/209,183) or (264/280,282,283,284)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/24 14:04
S10	13172	S6 or S7 or S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:13
S11	0	((("thermally bond\$4" near2 fibers) with hydrophilic) and (paper near2 (method or process)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:16
S12	0	((("thermal\$2 bond\$4" near2 fibers) with hydrophilic) and (paper near2 (method or process)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:16
S13	0	((("thermal\$2 bond\$4" near2 fibers) with hydrophilic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:17

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S14	0	("thermal\$2 bond\$4" near2 fibers)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:17
S15	0	("thermal\$2 bond\$4")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:17
S16	29923	thermal\$2 near2 bond\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:18
S17	13395	thermally near2 bond\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:18
S18	8624	thermally adj bond\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:18
S19	522	thermally adj bondable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:18
S20	292	S19 with (fiber or fibre)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:19
S21	6	S19 with (fiber or fibre) with hydrophil\$1ic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:20
S22	1	("4160159").PN.	USPAT; USOCR	OR	OFF	2005/10/24 14:48
S23	3060	(bicomponent or tricomponent) near2 (fiber or fibre)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:48
S24	918	S23 and (cellulos\$2 or wood) adj (fiber or fibre)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:49

## EAST Search History

S25	672	S24 and hydrophilic	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:50
S26	40	S25 and "wet strength" and "dry strength"	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:51
S27	33	S26 and ("through air" or Yankee)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/24 14:51
S28	32	S27 and (stratified or layered)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 09:31
S29	1	("3879257").PN.	USPAT; USOCR	OR	OFF	2005/10/24 15:35
S30	3062	(bicomponent or tricomponent) near2 (fiber or fibre)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 08:44
S31	187	S30 and "line speed"	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 08:54
S32	116	(absorbent with tissue) and "line speed"	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 08:57
S33	50	(absorbent with towel) and "line speed"	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 08:58
S34	0	WO-45254-\$.did.	EPO; DERWENT	OR	ON	2005/10/25 10:39
S35	1	WO-9745254-\$.did.	EPO; DERWENT	OR	ON	2005/10/25 12:55
S36	2	WO-9112125-\$.did.	EPO; DERWENT	OR	ON	2005/10/25 10:44
S37	2	("4806300").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/10/25 10:44
S38	3062	(bicomponent or tricomponent) near2 (fiber or fibre)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 10:53

## EAST Search History

S39	920	S38 and (cellulos\$2 or wood) adj (fiber or fibre)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 10:53
S40	673	S39 and hydrophil\$1ic	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 10:53
S41	40	S40 and "wet strength" and "dry strength"	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 10:53
S42	33	S41 and ("through air" or Yankee)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/25 10:53
S43	15	"line speed" and (papermaking or (web near2 form\$5))	EPO; DERWENT	OR	ON	2005/10/25 13:06
S44	151	((line or form\$4 or machine) near2 speed) and (papermaking or fourdrinier)	EPO; DERWENT	OR	ON	2005/10/25 13:06
S45	767	"line speed" and (papermaking or (web near2 (forming or formation)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 14:58
S46	61	S45 and fourdrinier	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/25 15:04
S47	1	("6162327").PN.	USPAT; USOCR	OR	OFF	2005/10/25 15:04
S48	1	("20040209058").PN.	US-PGPUB	OR	OFF	2006/04/24 13:23
S49	3354	speed same ((tissue or web) near2 (forming or formation))	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 14:59
S50	185	(basis adj weight) same speed same ((tissue or web) near2 (forming or formation))	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 16:02
S51	80	(basis adj weight) same speed same ((tissue or web) near2 formation)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 15:28
S52	310	formation adj index	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 15:29
S53	76	S52 and tissue	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 15:40

## EAST Search History

S54	41	S53 and basis adj weight	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 15:53
S55	36	S54 and speed	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 07:21
S56	876	(basis adj weight) same ((tissue or web) same (formation))	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 16:03
S57	47	S56 and (good or excellent) adj formation	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 16:03
S58	310	formation adj index	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 07:22
S59	76	S58 and tissue	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 07:22
S60	41	S59 and basis adj weight	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 07:22
S61	38	S60 and ((synthetic or thermoplastic or bond\$4) with fiber)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 07:23
S62	11	S60 and ((synthetic or thermoplastic or (thermally adj bond\$4)) with fiber)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 07:25
S63	2	S60 and ((thermoplastic or (thermally adj bond\$4)) with fiber)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 07:25
S64	1	S58 and slotted adj screen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/25 07:48
S65	0	tissue and (slotted adj screen) and (wet adj laid) and (dry adj laid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/25 07:49
S66	1	tissue and (slotted adj screen) and (wet adj laid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/25 07:49

## EAST Search History

S67	17	"SAT capacity"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/25 08:28
S68	4093121	S67 and wet breaking length	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/25 08:29
S69	1	S67 and "wet breaking length"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/25 08:29
S70	1	"CD wet breaking length"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/25 08:30
S71	92	"wet breaking length"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/25 11:10
S72	92	"wet breaking length"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/25 11:11
S73	30	S72 and tissue	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/25 11:11
S74	3304	(bicomponent or tricomponent) near2 (fiber or fibre)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 09:32
S75	1004	S74 and (cellulos\$2 or wood) adj (fiber or fibre)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 09:32
S76	733	S75 and hydrophil\$1ic	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 09:32

## EAST Search History

S77	44	S76 and "wet strength" and "dry strength"	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 09:32
S78	36	S77 and ("through air" or Yankee)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 09:32
S79	35	S78 and (stratif\$3 or layer\$3)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 09:32
S80	32	S79 and (grammage or (area adj weight) or (basis adj weight))	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 09:33
S81	26	S80 and ((absorbent adj capacity) or (breaking adj length) or (formation adj index))	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 10:25
S82	0	((thermoplastic or bondable) with fiber) and ((papermaking or wood or cellulos\$3) with fiber) and ((basis adj weight) or grammage) and (formation adj index)	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 10:26
S83	5	((thermoplastic or bondable) with fiber) and ((papermaking or wood or cellulos\$3) with fiber) and ((basis adj weight) or grammage) and (formation adj index)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 10:26
S84	1	("20030118816").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/02 10:27
S85	2152	((thermoplastic or bondable) with fiber) and ((papermaking or wood or cellulos\$3) with fiber) and ((basis adj weight) or grammage) and formation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 10:27
S86	8	((thermoplastic or bondable) with fiber) and ((papermaking or wood or cellulos\$3) with fiber) and (formation adj index)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 10:28
S87	1901	((thermoplastic or bondable) near2 fiber) and ((papermaking or wood or cellulos\$3) near2 fiber) and ((basis adj weight) or grammage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 10:28



## EAST Search History

S88	744	S87 and tissue and formation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 10:29
S89	309	S88 and wet adj laid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 10:29
S90	174	S89 and ((absorbent adj capacity) or (breaking adj length))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 10:30
S91	42	S89 and (hydrophilic with thermoplastic with surfactant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/02 10:30
S92	1	WO-200066057-\$.did.	EPO; DERWENT	OR	ON	2007/01/02 10:31
S93	1	("6867156").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/02 10:31
S94	214	(thermoplastic with fiber with hydrophilic and (nonionic or surfactant)) and ((tissue or web) with absorbent)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 08:39
S95	1	("6162327").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/03 08:40
S96	2	("4655877").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/03 08:51
S97	63	tissue and ((wet adj strength) with (dry adj strength) with temporary with permanent)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/14 09:45
S98	67	tissue and ((wet adj strength) with (dry adj strength) with temporary with permanent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:45

## EAST Search History

S99	31	tissue and (thermoplastic adj fiber) and (((bi adj component) or bicomponent) with ((tri adj component) or tricomponent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 10:31
S10 0	67	S98 and (wet adj strength) and (dry adj strength)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:46
S10 1	4	S99 and (wet adj strength) and (dry adj strength)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/14 09:46
S10 2	1	("20040209058").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 10:31
S10 3	2	("5405501").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/14 12:59
S10 4	1	("6162327").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/14 15:26